

NEW YORK, SUNDAY, OCTOBER 21, 1906.—Copyright, 1906, by The Sun Printing and Publishing Association.

A WIRELESS EXPERT AT 13.

NEW HAVEN BOY WHO RIGGED UP HIS OWN APPARATUS.

Malcolm Doolittle Able to Talk With Passing Sound Steamers From the Back Yard of His Home—Engaged Now in Making an Attuner on a New Principle.

NEW HAVEN, Oct. 20.—Malcolm Doolittle, aged 13, of 147 Bradley street, has unaided studied the science of wireless telegraphy, has built a wireless station in the back yard of his home and is able to pick up messages from passing steamers in the Sound five miles away.

A few months ago he read in a children's paper a description of a wireless outfit and explanations as to how a bright boy could rig up an outfit that would send messages across the room. He told his father that night that he was going to try the trick, and his father laughingly told him to go ahead, and that he'd give him \$1 for every message that he could send across the room.

The youngster worked at the problem every spare moment out of school, and one evening surprised his father by telling him that he was ready for that first payment on the dollar plan, as he could send a message across the room. The father inspected the outfit that had been rigged up and was convinced only after his son had sent him messages across the 20 foot room.

Then young Doolittle began to plan to send messages all over the house and to interest the other boys in his neighborhood in the fun. Soon that part of town had various wireless stations rigged up temporarily in drawing rooms, kitchens and laundries. The other boys soon tired of the experiment, but Doolittle kept at it.

When the novelty of the house equipment wore off young Doolittle tackled the bigger problem of transmitting and receiving messages outside and wires were strung up on the outside of the house. It was many weeks before the last could figure it all out, but finally he struck it and then began making plans for a tower in the back yard and a real wireless outfit.

A tower 75 feet high has now been equipped at a cost of \$100, and from it Doolittle can establish communication up to 100 miles. When the young inventor got this rigged up to suit him he began trying to catch the messages that were being flashed to the De Forest tower station in the western part of the city, three or more miles away from his home.

The operators at this station were speedy and at first the novice had difficulty in getting them. Finally he learned the secret and could pick up a message whenever it came from that station.

Next young Doolittle began to pick up messages from passing boats in Long Island Sound. After some experiment he found that this was mighty interesting. During the last month or two, since the wireless station was removed from here, all his practice on his new apparatus has been confined to talking with passing vessels.

But he's not content with his present equipment and just now is engaged on a new transmitter, which, when it is finished, will be the first of its kind ever built and, he thinks, will outclass anything that has yet been devised.

New Haven's young electrical wizard is modest and disinclined to talk about his invention. He's delighted with any one who is interested in wireless telegraphy, but about his own inventions and his little plant he's a bit reserved. When asked how he came to get interested in his present diversion, he said, hesitatingly:

"Well, you see, I read about a wireless apparatus and thought I might do some thing of the kind. I made one like it and then improved it, and after a time I could send messages across the room."

Then I tried to pick up messages from room to room, and finally I rigged up a wire outside and began experimenting that way. At present I am working on a new attuner for receiving messages. The attuner of mine will be different in principle from anything now used by the wireless companies, and I may get it patented. I've been at work on it for a long time now, and when I get it done, and the young inventor's face lighted up, "it will be pretty nice."

Young Doolittle is in the Hopkins Grammar School preparing to enter the Yale Sheffield Scientific School. He has never studied electricity, except as he has picked it up by himself.

POPPY SEED CAKES.

A Vienna Delicacy to Be Had in a Little East Side Bakery.

There is a little bakery on East Third street which is noted among the German and Austrian inhabitants of New York as the only place in the city where the celebrated poppy seed cakes of Vienna can be bought. People send from all over the city to procure these cakes, for they are beloved as accompaniments to the 4 o'clock coffee—dear to families of German speaking peoples.

The poppy seed cakes consist of alternate layers of wafer thin pastry and poppy seeds. They are about two inches high and four long.

The pastry is unsweetened bread dough shortened with butter and raised with whites of eggs, which makes it at once very rich and light. The poppy seeds are not sprinkled between the bread, but form layers of equal thickness, and their odd flavor makes a delicious combination with coffee.

The little bakery was opened by an Austrian woman twenty-five years ago, when the city has been for some time a fashionable neighborhood. Its owner is now reputed to be worth fully a quarter of a million dollars, though she still waits behind her counter.

She has never moved, and her wares have never lowered in standard, though her environment has changed. The rolls which sell at six for five cents in the average bakery sell at the rate of three for five cents with her; but they are shortened with butter and are very rich and delicious.

The shop is a surprise to the stranger who drops into it unknowingly from the poor, crowded street on which it stands. Everything bespeaks the high class trade to which it caters.

Under glass cases are many delicious looking, high priced delicacies, which, though strange to American eyes, induce former residents of Vienna to return to regular patrons of the little bakery, though they have moved from its neighborhood to distant parts of the city.

Passing of Fort McHenry.

From the Baltimore News.
A general staff order which announces the definite removal of historic Fort McHenry from the list of military posts and marks the close of its career as a defense of the city has been received by the acting Secretary of War upon the recommendation of the Chief of Artillery.
After March 1, 1907, the Thirty-ninth Company of Artillery, now stationed at Fort McHenry, will be transferred to Fort Soto, La., and the fort grounds will be taken over by the engineer department of the army, with the prospect of its ultimately being turned into one of the large army depots for storage of supplies.

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House and Home Week.

Extraordinary Values.

Furniture, Carpets, Rugs, Upholsterings, Curtains, Pictures, China—Splendid Assortments in Everything Pertaining to House Decorations. One Great Week of Matchless Pricing.

Great Furniture Offerings Lead the List.

We wish all the many thousands of newcomers to Brooklyn to realize and benefit from the fact that the biggest and best of Furniture Stores is in this borough. That we lead in value giving is a matter of record, but that we lead all stores in actual area is interesting at least to the people from all over the country making Brooklyn their home. Merely for displaying 59,872 square feet are used, or considerably over an acre of ground. There is more Furniture standing on its own feet in this store than in any store in the country. For the convenience of purchasers desiring to see effect of grouping, rooms are provided with dining, living, library, den, bedroom, hall and other Furniture tastefully arranged. Buying Furniture here regularly means a decided saving—buying at these unusual events means extraordinary saving.

\$1.25 Dining Chairs, 75c. Golden oak, carved design, cane seat.

Parlor Suites, 5 Pieces.

At \$29.50, regularly \$40.00. Parlor Suite, mahogany finish, plain design, covered in tapestry.

At \$38.00, regularly \$57.00. Parlor Suite, mahogany finish, carved design, covered in tapestry.

At \$40.00, regularly \$50.00. Parlor Suite, mahogany finish, plain design, covered in damask.

At \$47.00, regularly \$70.00. Parlor Suite, mahogany finish, carved design, covered in damask.

At \$52.00, regularly \$78.00. Parlor Suite, mahogany finish, carved design, covered in damask.

At \$59.00, regularly \$89.00. Parlor Suite, mahogany finish, carved design, covered in damask.

At \$60.00, regularly \$90.00. Parlor Suite, mahogany finish, carved design, covered in damask.

At \$65.00, regularly \$95.00. Parlor Suite, mahogany finish, carved design, covered in damask.

At \$85.00, regularly \$125.00. Parlor Suite, mahogany finish, carved design, covered in damask.

Parlor Suites, 3 Pieces.

At \$25.25, regularly \$35.00. Parlor Suite, mahogany finish, plain design, plush covered cushions.

\$22.50 China Closets, \$14.50. Golden oak, plain design, round ends, mirror back top shelf.

At \$32.50, regularly \$50.00. Parlor Suite, mahogany finish, plain design, covered in damask.

At \$40.50, regularly \$50.00. Parlor Suite, mahogany finish, plain design, covered in damask.

At \$47.00, regularly \$70.00. Parlor Suite, mahogany finish, carved design, covered in damask.

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At \$65.00, regularly \$95.00. Parlor Suite, mahogany finish, carved design, covered in damask.

At \$85.00, regularly \$125.00. Parlor Suite, mahogany finish, carved design, covered in damask.

Library Suites.

At \$60.00, regularly \$85.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$65.00, regularly \$90.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$70.00, regularly \$100.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$75.00, regularly \$105.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$80.00, regularly \$110.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$85.00, regularly \$115.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$90.00, regularly \$120.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$95.00, regularly \$125.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$100.00, regularly \$130.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$105.00, regularly \$135.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$110.00, regularly \$140.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$115.00, regularly \$145.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$120.00, regularly \$150.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$125.00, regularly \$155.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$130.00, regularly \$160.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$135.00, regularly \$165.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$140.00, regularly \$170.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$145.00, regularly \$175.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$150.00, regularly \$180.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$155.00, regularly \$185.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$160.00, regularly \$190.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$165.00, regularly \$195.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$170.00, regularly \$200.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$175.00, regularly \$205.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$180.00, regularly \$210.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$185.00, regularly \$215.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$190.00, regularly \$220.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$195.00, regularly \$225.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$200.00, regularly \$230.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$205.00, regularly \$235.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$210.00, regularly \$240.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$215.00, regularly \$245.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$220.00, regularly \$250.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$225.00, regularly \$255.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$230.00, regularly \$260.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$235.00, regularly \$265.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$240.00, regularly \$270.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$245.00, regularly \$275.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$250.00, regularly \$280.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$255.00, regularly \$285.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$260.00, regularly \$290.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$265.00, regularly \$295.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$270.00, regularly \$300.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$275.00, regularly \$305.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$280.00, regularly \$310.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$285.00, regularly \$315.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$290.00, regularly \$320.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$295.00, regularly \$325.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$300.00, regularly \$330.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$305.00, regularly \$335.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$310.00, regularly \$340.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$315.00, regularly \$345.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$320.00, regularly \$350.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$325.00, regularly \$355.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$330.00, regularly \$360.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$335.00, regularly \$365.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$340.00, regularly \$370.00. Library Suite, mahogany finish, colonial design, covered in damask.

At \$345.00, regularly \$375.00. Library Suite, mahogany finish, colonial design, covered in damask.

\$6.50 Chiffoniers, \$4.95. Golden oak, plain wood back, 3 drawers.

At \$115.00, regularly \$175.00. Library Suite, mahogany finish, colonial design, covered in tapestry.

At \$130.00, regularly \$185.00. Library Suite, mahogany finish, colonial design, covered in tapestry and plush.

At \$140.00, regularly \$200.00. Library Suite, mahogany finish, colonial design, covered in tapestry.

At \$150.00, regularly \$210.00. Library Suite, mahogany finish, colonial design, covered in tapestry.

At \$160.00, regularly \$220.00. Library Suite, mahogany finish, colonial design, covered in tapestry.

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At \$300.00, regularly \$360.00. Library Suite, mahogany finish, colonial design, covered in tapestry.

At \$310.00, regularly \$370.00. Library Suite, mahogany finish, colonial design, covered in tapestry.

At \$320.00, regularly \$380.00. Library Suite, mahogany finish, colonial design, covered in tapestry.

At \$330.00, regularly \$390.00. Library Suite, mahogany finish, colonial design, covered in tapestry.

At \$340.00, regularly \$400.00. Library Suite, mahogany finish, colonial design, covered in tapestry.

At \$350.00, regularly \$410.00. Library Suite, mahogany finish, colonial design, covered in tapestry.

At \$360.00, regularly \$420.00. Library Suite, mahogany finish, colonial design, covered in tapestry.

At \$370.00, regularly \$430.00. Library Suite, mahogany finish, colonial design, covered in tapestry.

At \$380.00, regularly \$440.00. Library Suite, mahogany finish, colonial design, covered in tapestry.

At \$390.00, regularly \$450.00. Library Suite, mahogany finish, colonial design, covered in tapestry.

At \$400.00, regularly \$460.00. Library Suite, mahogany finish, colonial design, covered in tapestry.

At \$410.00, regularly \$470.00. Library Suite, mahogany finish, colonial design, covered in tapestry.

At \$420.00, regularly \$480.00. Library Suite, mahogany finish, colonial design, covered in tapestry.

At \$430.00, regularly \$490.00. Library Suite, mahogany finish, colonial design, covered in tapestry.

At \$440.00, regularly \$500.00. Library Suite, mahogany finish, colonial design, covered in tapestry.

At \$450.00, regularly \$510.00. Library Suite, mahogany finish, colonial design, covered in tapestry.

At \$460.00, regularly \$520.00. Library Suite, mahogany finish, colonial design, covered in tapestry.

At \$470.00, regularly \$530.00. Library Suite, mahogany finish, colonial design, covered in tapestry.

At \$480.00, regularly \$540.00. Library Suite, mahogany finish, colonial design, covered in tapestry.

At \$490.00, regularly \$550.00. Library Suite, mahogany finish, colonial design, covered in tapestry.

At \$500.00, regularly \$560.00. Library Suite, mahogany finish, colonial design, covered in tapestry.

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At \$530.00, regularly \$590.00. Library Suite, mahogany finish, colonial design, covered in tapestry.

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At \$550.00, regularly \$610.00. Library Suite, mahogany finish, colonial design, covered in tapestry.

At \$560.00, regularly \$620.00. Library Suite, mahogany finish, colonial design, covered in tapestry.

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At \$580.00, regularly \$640.00. Library Suite, mahogany finish, colonial design, covered in tapestry.

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